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PTO/SB/01 (12-97)

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	1306/9/2
	First Named Inventor	Kotb, Malak
	COMPLETE IF KNOWN	
	Application Number	
	Filing Date	June 30, 2000
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PURIFIED AND ISOLATED MAT II B SUBUNIT NUCLEIC ACIDS AND
POLYPEPTIDES AND THERAPEUTIC AND SCREENING METHODS USING SAME**

the specification of which (Title of the Invention)

☐ is attached hereto
OR
☒ was filed on (MM/DD/YYYY) **06/30/2000** as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 356(b) of any foreign application(s) for patent or inventor's certificate, or 356(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/142,020	07/01/1999	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (If applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02C attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number
Arles A. Taylor, Jr.	39,395	Jennifer L. Skord	30,687
Richard E. Jenkins	28,428	David P. Gloekler	41,037
Jeffrey L. Wilson	36,058	Gregory A. Hunt	41,085

☒ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label

OR ☒ Correspondence address below

Name	Arles A. Taylor, Jr., JENKINS & WILSON, P.A.				
Address	Suite 1400 University Tower				
Address	3100 Tower Boulevard				
City	Durham	State	NC	ZIP	27707
Country	USA	Telephone	001-919-493-8000	Fax	001-919-419-0383

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname	
Malak		Kotb	
Inventor's Signature	<i>Malak Kotb</i>		Date
Residence: City	Memphis	State	TN
		Country	US
Post Office Address	2494 Union Avenue Extended		
Post Office Address			
City	Memphis	State	TN
		ZIP	38112-4320
		Country	US


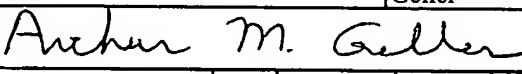
☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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<h2 style="margin: 0;">DECLARATION</h2>	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
H. Leighton				LeGros, Jr.			
Inventor's Signature						7/14/00	Date
Residence: City	Memphis	State	TN	Country	38112-3224	Citizenship	US
Post Office Address 268 Williford Street							
Post Office Address							
City	Memphis	State	TN	ZIP	37112-3224	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Arthur M.				Geller			
Inventor's Signature						7/12/2000	Date
Residence: City	Memphis	State	TN	Country	US	Citizenship	US
Post Office Address 2494 Union Avenue Extended							
Post Office Address							
City	Memphis	State	TN	ZIP	38112-4320	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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Patent and Trademark Office
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OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 08, 2001

PTAS



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JENKINS & WILSON, P.A.
ARLES A. TAYLOR, JR.
3100 TOWER BOULEVARD
SUITE 1400 UNIVERSITY TOWER
DURHAM, NC 27707

MAR 14 2001

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/14/2000

REEL/FRAME: 011372/0202
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KOTB, MALAK

DOC DATE: 08/11/2000

ASSIGNOR:

LEGROS, H LEIGHTON JR.

DOC DATE: 08/11/2000

ASSIGNEE:

UNIVERSITY OF TENNESSEE RESEARCH
CORPORATION, THE
1534 WHITE AVENUE, SUITE 403
KNOXVILLE, TENNESSEE 37996-1527

SERIAL NUMBER: 09609133
PATENT NUMBER:

FILING DATE: 06/30/2000
ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

DOCKET DATES: N/A
ASSIGNED ATTY: AAT
FILE NO. 1300/9/2
DOCKETED BY: KST
DATE: 03/15/01

01-02-2001

HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101568084

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To the Honorable Commissioner of I

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Malak Kotb

H Leighton LeGros, Jr.

Arthur M. Geller

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: The University of Tennessee Research Corporation

Internal Address:

Street Address: 1534 White Avenue, Suite 403

City: Knoxville State: TN ZIP: 37996-1527

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: August 11, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/609,133

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Arles A. Taylor, Jr.

Internal Address: Jenkins & Wilson, P.A.

Suite 1400 University Tower

Street Address: 3100 Tower Boulevard

City: Durham State: NC ZIP: 27707

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Arles A. Taylor, Jr.

Name of Person Signing

Signature

Date

12-12-2000

Total number of pages including cover sheet, attachments, and document: 4

12/28/2000 DNGUYEN 00000183 09609133

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Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

Atty Docket: 1306/9/2

ASSIGNMENT

WHEREAS, we, Malak Kotb, City of Memphis, State of Tennessee, H₂ Keighton LeGros, Jr., City of Memphis, State of Tennessee, and Arthur M. Geller, City of Memphis, State of Tennessee (hereinafter "Assignors"), have invented certain new and useful improvements in PURIFIED AND ISOLATED MAT II β SUBUNIT NUCLEIC ACIDS AND POLYPEPTIDES AND THERAPEUTIC AND SCREENING METHODS USING SAME for which a U.S. Patent Application was filed on June 30, 2000 as Serial No. 09/609,133.

AND, WHEREAS, The University of Tennessee Research Corporation, a non-profit organization located at Knoxville, Tennessee (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, their entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its

representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 11 day of Aug. 2000.

Malak Kottb
Malak Kottb

Witnessed by:

Jessica Swinney 8/11/00
Name Date

Cassie Heidelberg 8/11/00
Name Date

Executed this 11 day of Aug. 2000.

H. Leighton LeGros, Jr.
H. Leighton LeGros, Jr.

Witnessed by:

Jessica Swinney 8/11/00
Name Date

Cassie Heidelberg 8/11/00
Name Date

Executed this 14 day of Aug. 2000.

Arthur M. Geller

Arthur M. Geller

Witnessed by:

Jessica Swinney 8/14/00
Name Date

Cassie Heidelberg 8/14/00
Name Date